

CLAIMS:

1. Drive for a sliding door or swinging-sliding door of a rail vehicle, having a guide rail (1) fixed with respect to the rail vehicle, on which guide rail a carriage (2) is longitudinally displaceably and optionally rotatably arranged, which carriage (2) carries a door leaf, and having a spindle drive whose spindle (3) extends parallel to the guide rail (1) and whose spindle nut (4) is fixedly connected with the carriage (2) in the direction of the axis (13) of the spindle (3), characterized in that the connection between the spindle nut (4) and the carriage (2) takes place by means of a sliding hinge joint (7, 8, 10).

2. Drive according to Claim 1, characterized in that the spindle nut (4) has radially projecting ends (10) which are constructed in a claw-like manner, and interact with an abutment (7) of the carriage (2).

3. Drive according to Claim 2, characterized in that the abutment (7) consists of a bolt extending parallel to the guide rail (11).

4. Drive according to one of Claims 1 to 3, characterized in that the mutually facing surfaces of the components of the sliding hinge joint (7-10), which extend in a normal manner with respect to the guide rail (1), have a distance from one another which is closed by shims.

5. Drive according to Claim 1, characterized in that the sliding hinge joint (7-10) has a spindle nut (4) and a cover (9) which is slidable with respect to the spindle nut in a plane normal to the axis (13) of the spindle and carries the ends (10).

6. Drive according to Claim 5,
characterized in that the ends (10) have passage holes parallel to the axis (13) of the spindle (3),
through which a bolt is fitted which forms the abutment (7).

7. Drive according to one of Claims 5 or 6,
characterized in that the cover consists of a piece of sheet metal and is bent around the spindle nut.

8. Drive according to Claim 7,
characterized in that the spindle nut has ribs (15) in planes normal with respect to the axis (13),
which ribs (15) project into indentations or holes (16) of the cover (9).

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